CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: T- 4358

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 10/06/2017

Lab ID	:	**CP-2017-06-09-02**
Customer	:	Assistant Executive Engineer, Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Address	:	Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Project Name	:	Extension of Reva Engineering College road upto 400mts (BBMP limits) Byatarayanapura Assembly Constituency Yelhanka Zone.
Agency	:	M/S Satya Constructions, No:600, Down Bazar Road, Yelahanka, Bangalore-64.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/02/15-16
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	26-05-17
Sample ID No	:	2017-06-09-02-01
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/06/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	03/06/2017	10/06/2017	150.20 X 150.22 X 150.28	22563	8.446	291.1	12.9	12.6
2	PCC	M15	03/06/2017	10/06/2017	150.21 X 150.24 X 150.29	22568	8.399	286.6	12.7	
3	PCC	M15	03/06/2017	10/06/2017	150.24 X 150.18 X 150.22	22563	8.365	275.3	12.2	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harsitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: T- 4358

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2017-06-09-02 **Date: 01/07/2017**
Customer	:	Assistant Executive Engineer, Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Address	:	Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Project Name	:	Extension of Reva Engineering College road upto 400mts (BBMP limits) Byatarayanapura Assembly Constituency Yelhanka Zone.
Agency	:	M/S Satya Constructions, No:600, Down Bazar Road, Yelahanka, Bangalore-64.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/02/15-16
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	26-05-17
Sample ID No	:	2017-06-09-02-02
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	01/07/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	03/06/2017	01/07/2017	150.18 X 150.17 X 150.15	22553	8.289	392.4	17.4	17.5
2	PCC	M15	03/06/2017	01/07/2017	150.22 X 150.24 X 150.26	22569	8.388	390.4	17.3	
3	PCC	M15	03/06/2017	01/07/2017	150.22 X 150.10 X 150.13	22548	8.256	403.6	17.9	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harsitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST REPORT OF PRECAST COVER SLAB

Lab ID	:	**CP-2017-05-28-01**	**Date: 06-05-17**
Customer	:	Assistant Executive Engineer, Project Sub Division Yelahanka Zone, BBMP, Bangalore.	
Address	:	Project Sub Division Yelahanka Zone, BBMP, Bangalore.	
Project Name	:	Extension of Reva Engineering College road upto 400mts (BBMP limits) Byatarayanapura Assembly Constituency Yelhanka Zone.	
Agency	:	M/S Satya Constructions, No:600, Down Bazar Road, Yelahanka, Bangalore-64.	
Customer's Reference	:	EE(Project)/Ynk Zone/WO/02/15-16	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	28-05-17	
Sample ID No	:	2017-05-28-01-02	
Sample Type /Size	:	Precast Cover Slab (100 mm thick)	
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete	
Date of test	:	02/05/2017	

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(mm)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.52	100.42	1.416	4478	84.4	18.8	17.5	21.9
2	Cover Slab-2	75.48	100.48	1.382	4474	83.3	18.6	17.3	21.6
3	Cover Slab-3	75.42	100.46	1.378	4467	82.5	18.5	17.2	21.5

Note:

The results pertain to the samples received and tested.
All information furnished by the Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Page 1/1
****End of Report****

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST REPORT OF PRECAST COVER SLAB

Date: 06-05-17

Lab ID	:	CP-2017-05-28-01
Customer	:	Assistant Executive Engineer, Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Address	:	Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Project Name	:	Extension of Reva Engineering College road upto 400mts (BBMP limits) Byatarayanapura Assembly Constituency Yelhanka Zone.
Agency	:	M/S Satya Constructions, No:600, Down Bazar Road, Yelahanka, Bangalore-64.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/02/15-16
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-05-17
Sample ID No	:	2017-05-28-01-02
Sample Type /Size	:	Precast Cover Slab (250 mm thick)
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	02/05/2017

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(mm)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.52	250.42	2.716	4478	95.4	21.3	19.8	24.8
2	Cover Slab-2	75.48	250.45	2.982	4474	97.3	21.7	20.2	25.3
3	Cover Slab-3	75.42	250.51	2.978	4467	91.5	20.5	19.1	23.8

Note:

The results pertain to the samples received and tested.
All information furnished by the Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Page 1/1
****End of Report****

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST REPORT OF CEMENT CONCRETE KERB STONE

Date: 01-06-17

Lab ID	:	CP-2017-05-28-01
Customer	:	Assistant Executive Engineer, Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Address	:	Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Project Name	:	Extension of Reva Engineering College road upto 400mts (BBMP limits) Byatarayanapura Assembly Constituency Yelhanka Zone.
Agency	:	M/S Satya Constructions, No:600, Down Bazar Road, Yelahanka, Bangalore-64.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/02/15-16
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-05-17
Sample ID No	:	2017-05-28-01-01
Sample Type /Size	:	CC Kerb Stone/ 450*165*400mm
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	28/05/2017

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	Kg	(Sq.mm)	(KN)	(N/mm2)	(N/mm2)	(N/mm2)
1	A	100.04	165.45	2.914	7859	143.1	18.2	16.9	21.2
2	B	100.02	165.44	2.893	7856	144.2	18.3	18.3	22.9
3	C	100.03	165.47	2.815	7857	142.1	18.1	18.1	22.6

Note:

The results pertain to the samples received and tested.
All information furnished by the Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR GSB
(IS 2386:(Part 1) 1963 (RA2011)

Lab ID	:	**CP-RW-2017-04-17-01** **Date: 19-04-17**
Customer	:	Assistant Executive Engineer, Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Address	:	Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Project Name	:	Extension of Reva Engineering College road upto 400mts (BBMP limits) Byatarayanapura Assembly Constituency Yelhanka Zone.
Agency	:	M/S Satya Constructions, No:600, Down Bazar Road, Yelahanka, Bangalore-64.
Customer Reference	:	EE(Project)/Ynk Zone/WO/02/15-16
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	17-04-17
Sample ID No	:	2017-04-17-01-01
Type of Mix	:	GSB (Granular Sub Base)
Date of test	:	17-04-17
Oven Dry Weight	:	10120 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Spec. Limit Vide Table 400.1 MORTH Specification
75	0	0	0	100	100
53	996	996	9.84	90.16	80-100
26.5	1686	2682	26.50	73.50	55-90
9.5	1292	3974	39.27	60.73	35-65
4.75	1490	5464	53.99	46.01	25-55
2.36	1764	7228	71.42	28.58	20-40
0.425	1666	8894	87.89	12.11	10-25
0.075	896	9790	96.74	3.26	0-5

TESTS ON FILLER SCREEN MATERIALS

Sl no	Particulars	Test results	Spec.Limit Vide Table 400.2 MORTH Specification
1	Liquid Limit, %	23.33%	Maximum 25
2	Plasticity index, %	Non plastic	Maximum 6

Note:-

The results pertain to the samples received and tested.
All information Furnished by Customer/ Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL PRO Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Page 1/1
End of Report

Assst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: T- 4358

TEST REPORT ON BITUMEN

Lab ID	:	**CP-RW-2017-05-02-01** **Date: 04-05-17**
Customer	:	Assistant Executive Engineer, Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Address	:	Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Project Name	:	Extension of Reva Engineering College road upto 400mts (BBMP limits) Byatarayanapura Assembly Constituency Yelhanka Zone.
Agency	:	M/S Satya Constructions, No:600, Down Bazar Road, Yelahanka, Bangalore-64.
Customer's Reference	:	EE(Project)/Ynk Zone/WO/02/15-16
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	02-05-17
Sample ID No	:	2017-05-02-01-01
Sample Type	:	Bitumen
Reference to BIS codes	:	IS: 1201-1220(1978) (Reaffirmed-2004)
Date of test	:	02-05-17

Test Results

Sl.no	Name of Test	Result	Requirements as per IS:73-2013
1	Penetration at 25°C , in 1/10th mm	65	60 to 70
2	Softening Point, °C	48	Min. 40°C
3	Ductility, cm	99	Min. 75cm
4	Flash point, °C	238	Min. 220°C
	Fire point, °C	245	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR WMM

Lab ID	:	**CP-RW-2017-04-19-01** **Date: 09-06-17**
Customer	:	Assistant Executive Engineer, Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Address	:	Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Project Name	:	Extension of Reva Engineering College road upto 400mts (BBMP limits) Byatarayanapura Assembly Constituency Yelhanka Zone.
Agency	:	M/S Satya Constructions, No:600, Down Bazar Road, Yelahanka, Bangalore-64.
Customer Reference	:	EE(Project)/Ynk Zone/WO/02/15-16
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	19-04-17
Sample ID No	:	2017-04-19-01-01
Type of Mix	:	WMM (Wet Mix Macadam)
Date of test	:	19-04-17
Oven Dry Weight	:	11000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	326	326	3.0	97.0	95-100
22.4	2263	2589	23.5	76.5	60-80
11.2	2176	4765	43.3	56.7	40-60
4.75	2262	7027	63.9	36.1	25-40
2.36	1609	8636	78.5	21.5	15-30
0.6	618	9254	84.1	15.9	8-22
0.075	1354	10608	96.4	3.6	0-5

Note:-

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Page 1/1
End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

TEST REPORT OF AGGEGRATE IMPACT VALUE
IS: 2386 Part IV

Lab ID : **CP-RW-2017-04-19-01** **Date: 21-04-17**
Customer : Assistant Executive Engineer, Project Sub Division Yelahanka Zone,
Address : Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Project Name : Extension of Reva Engineering College road upto 400mts (BBMP limits)
Agency : M/S Satya Constructions, No:600, Down Bazar Road, Yelahanka,
Customer Reference : EE(Project)/Ynk Zone/WO/02/15-16
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 19-04-17
Sample ID No : 2017-04-19-01-01
Type of Mix : Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test : 19-04-17

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	304.2	304.2
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	73.9	74.0
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	229.9	229.9
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.4	0.3
5	Aggregate impact value	(B/A)*100	24.3	24.3
6	Aggregate impact value (Mean of two tests)	Pecentage	24.3	

Note:-
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL PRO BANGALORE Sig..... Date.....

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

End of Report

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: T- 4358

DETERMINATION OF FLAKINESS INDEX AND ELONGATION INDEX OF COARSE AGGREGATE(IS 2386 (Part 1) 1963 (RA 2007)

Lab ID	:	**CP-RW-2017-04-19-01** **Date: 21-04-17**
Customer	:	Assistant Executive Engineer, Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Address	:	Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Project Name	:	Extension of Reva Engineering College road upto 400mts (BBMP limits) Byatarayanapura Assembly Constituency Yelhanka Zone.
Agency	:	M/S Satya Constructions, No:600, Down Bazar Road, Yelahanka, Bangalore-64.
Customer Reference	:	EE(Project)/Ynk Zone/WO/02/15-16
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	19-04-17
Sample ID No	:	2017-04-19-01-01
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test	:	19-04-17

Result:

Index	Percentage of Flakiness and Elongation Index	Secified limits as per MORTH specification table 400-12
Flakiness Index	15.9%	Combined Flakiness & Elongation Index for WMM is Maximum 35%
Elongation Index	14.6%	
Combined Flakiness and Elongation Index for WMM	30.5%	

Note:-
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

End of Report

M : 9972924526 | Tel: +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

TEST RESULTS OF GRADATION FOR BM
(IS 2386:(Part 1) 1963 (RA2011)

Lab ID	:	**CP-RW-2017-05-04-01** **Date: 07-05-17**
Customer	:	Assistant Executive Engineer, Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Address	:	Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Project Name	:	Extension of Reva Engineering College road upto 400mts (BBMP limits) Byatarayanapura Assembly Constituency Yelhanka Zone.
Agency	:	M/S Satya Constructions, No:600, Down Bazar Road, Yelahanka, Bangalore-64.
Customer Reference	:	EE(Project)/Ynk Zone/WO/02/15-16
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	04-05-17
Sample ID No	:	2017-05-04-01-01
Type of Mix	:	BC-Plant (Bituminous Macadam)
Date of test		05-05-17
Weight of Sample(gm)	:	5000

IS Sieve Size(mm)	Weight Retained(gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Specification Limits as per MORTH specification Table 500-7(grading -2)
26.5	0	0	0	100	100
19	162	162	3.2	96.8	90-100
13.2	510	672	13.4	86.6	56-88
4.75	2750	3422	68.4	31.6	16-36
2.36	910	4332	86.6	13.4	4-19
0.3	355	4687	93.7	6.3	2-10
0.075	230	4917	98.3	1.7	0-8
PAN	83	5000	100.0	0.0	0

Note:-

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

TEST REPORT OF AGGEGRATE STRIPPING VALUE OF ROAD AGGRGATE (IS:6241)

Date: 08-05-17

Lab ID	:	**CP-RW-2017-05-04-01**
Customer	:	Assistant Executive Engineer, Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Address	:	Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Project Name	:	Extension of Reva Engineering College road upto 400mts (BBMP limits) Byatarayanapura Assembly Constituency Yelhanka Zone.
Agency	:	M/S Satya Constructions, No:600, Down Bazar Road, Yelahanka, Bangalore-64.
Customer Reference	:	EE(Project)/Ynk Zone/WO/02/15-16
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	04-05-17
Sample ID No	:	2017-05-04-01-01
Type of Mix	:	BM(Bitumnous Macadam)
Date of test	:	05-05-17

Type of Binder	:	60/70
% of Binder Used	:	5.0%
Weight of Aggregate	:	200.0 gm
Weight of Binder	:	10.0 gm
Temperature of water bath	:	40°C

No of test	Retained Stripping Percentage	Stripping Percentage	Average Retained Stripping Percentage	Secified limits as per MORTH specification table 500-6
1	98.0	2.0	98.2	Minimum Retained Coating 95%
2	98.5	1.5		
3	98.0	2.0		

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Page 1/1
****End of Report****

PHYSICAL REQUIREMENTS FOR COARSE AGGREGATE FOR BITUMINOUS MACADAM

Lab ID	:	**CP-RW-2017-05-04-01** **Date: 08-05-17**
Customer	:	Assistant Executive Engineer, Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Address	:	Project Sub Division Yelahanka Zone, BBMP, Bangalore.
Project Name	:	Extension of Reva Engineering College road upto 400mts (BBMP limits) Byatarayanapura Assembly Constituency Yelhanka Zone.
Agency	:	M/S Satya Constructions, No:600, Down Bazar Road, Yelahanka, Bangalore-64.
Customer Reference	:	EE(Project)/Ynk Zone/WO/02/15-16
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	04-05-17
Sample ID No	:	2017-05-04-01-01
Type of Mix	:	BM (Bituminous Macadam)
Date of test	:	05-05-17

Table 500-6 : Physical Requirements fo Coarse Aggregate for Bituminous Macadam

Property	Test	Result	Specification	Method of Test
Partical Shape	Flakiness Index	12.3	Combined Flakiness & Elongation Index for BM is Maximum 35%	IS:2386 Part I
	Elongation Index	10.3		
Strength	Aggregate Impact Value	24.6	Maximum 30%	IS:2386 Part IV
Specific gravity	Specific gravity	2.64	Maximum 2.7	IS:2386 Part III
Water Absorption	Water Absorption	0.26	Maximum 2%	IS:2386 Part III

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quallity Manager

Prepared By:
Harshitha

Asst. Executive Engineer
Project Division,
Yelahanka Zone
Bangalore

End of Report